

4-33626A (5034-W001).ST25.txt  
SEQUENCE LISTING

<110> Genova Ltd.  
Argoud-Puy, Guilaine  
Bederr, Nassima  
Bougueret, Lydie  
Cusin, Isabelle  
Mahe, Eve  
Niknejad, Anne  
Reffas, Samia

<120> SECRETED POLYPEPTIDE SPECIES ASSOCIATED WITH CARDIOVASCULAR DISORDERS

<130> 4-33626A/GEP (5034-W001)

<150> US 60/461,560  
<151> 2003-04-08

<160> 136

<170> PatentIn version 3.1

<210> 1  
<211> 132  
<212> PRT  
<213> Homo sapiens

<400> 1

Met Lys Ser Ser Gly Leu Phe Pro Phe Leu Val Leu Leu Ala Leu Gly  
1 5 10 15

Thr Leu Ala Pro Trp Ala Val Glu Gly Ser Gly Lys Ser Phe Lys Ala  
20 25 30

Gly Val Cys Pro Pro Lys Lys Ser Ala Gln Cys Leu Arg Tyr Lys Lys  
35 40 45

Pro Glu Cys Gln Ser Asp Trp Gln Cys Pro Gly Lys Lys Arg Cys Cys  
50 55 60

Pro Asp Thr Cys Gly Ile Lys Cys Leu Asp Pro Val Asp Thr Pro Asn  
65 70 75 80

Pro Thr Arg Arg Lys Pro Gly Lys Cys Pro Val Thr Tyr Gly Gln Cys  
85 90 95

Leu Met Leu Asn Pro Pro Asn Phe Cys Glu Met Asp Gly Gln Cys Lys  
100 105 110

Arg Asp Leu Lys Cys Cys Met Gly Met Cys Gly Lys Ser Cys Val Ser  
115 120 125

Pro Val Lys Ala  
130

<210> 2  
<211> 107  
<212> PRT

## 4-33626A (5034-W001).ST25.txt

&lt;213&gt; Homo sapiens

&lt;400&gt; 2

Ser Gly Lys Ser Phe Lys Ala Gly Val Cys Pro Pro Lys Lys Ser Ala  
1 5 10 15Gln Cys Leu Arg Tyr Lys Lys Pro Glu Cys Gln Ser Asp Trp Gln Cys  
20 25 30Pro Gly Lys Lys Arg Cys Cys Pro Asp Thr Cys Gly Ile Lys Cys Leu  
35 40 45Asp Pro Val Asp Thr Pro Asn Pro Thr Arg Arg Lys Pro Gly Lys Cys  
50 55 60Pro Val Thr Tyr Gly Gln Cys Leu Met Leu Asn Pro Pro Asn Phe Cys  
65 70 75 80Glu Met Asp Gly Gln Cys Lys Arg Asp Leu Lys Cys Cys Met Gly Met  
85 90 95Cys Gly Lys Ser Cys Val Ser Pro Val Lys Ala  
100 105

&lt;210&gt; 3

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 3

Tyr Lys Lys Pro Glu Cys Gln Ser Asp Trp Gln Cys Pro Gly Lys  
1 5 10 15

&lt;210&gt; 4

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 4

Cys Leu Asp Pro Val Asp Thr Pro Asn Pro Thr Arg  
1 5 10

&lt;210&gt; 5

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 5

Cys Thr Ser Met Ala Ser Glu Asn Ser Glu Cys Ser Val Lys  
1 5 10

&lt;210&gt; 6

&lt;211&gt; 14

&lt;212&gt; PRT

## 4-33626A (5034-W001).ST25.txt

&lt;213&gt; Homo sapiens

&lt;400&gt; 6

Ser Asn Cys Cys Gln His Ser Ser Ala Leu Gly Leu Ala Arg  
1 5 10

&lt;210&gt; 7

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 7

Thr Ile Val Gly Ser Ile Thr Asn Thr Asn Phe Gly Ile Cys His Asp  
1 5 10 15

Ala Gly Arg

&lt;210&gt; 8

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 8

Asp Pro Pro Gln Tyr Pro Val Val Pro Val His Leu Asp Arg  
1 5 10

&lt;210&gt; 9

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 9

Arg Asp Pro Pro Gln Tyr Pro Val Val Pro Val His Leu Asp Arg  
1 5 10 15

&lt;210&gt; 10

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 10

Tyr Ala Gln Thr Pro Ala Asn Met Phe Tyr Ile Val Ala Cys Asp Asn  
1 5 10 15

Arg

&lt;210&gt; 11

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 11

Glu Ser Leu Ser Gly Val Cys Glu Ile Ser Gly Arg

## 4-33626A (5034-W001).ST25.txt

1 5

10

<210> 12  
<211> 22  
<212> PRT  
<213> Homo sapiens

<400> 12

Gln Ser Gly Glu Asp Asn Gln Asp Leu Ala Ile Ser Phe Ala Gly Asn  
1 5 10 15

Gly Leu Ser Ala Leu Arg  
20

<210> 13  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 13

Asp Ala Leu Ser Ala Ser Val Val Lys  
1 5

<210> 14  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 14

Asp Ser Gly Glu Asp Pro Ala Thr Cys Ala Phe Gln Arg  
1 5 10

<210> 15  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 15

Asp Tyr Tyr Val Ser Thr Ala Val Cys Arg  
1 5 10

<210> 16  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 16

Phe Pro Val Tyr Asp Tyr Asp Pro Ser Ser Leu Arg  
1 5 10

<210> 17  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 17

## 4-33626A (5034-W001).ST25.txt

Val Asn Ser Gln Ser Leu Ser Pro Tyr Leu Phe Arg  
1 5 10

<210> 18  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 18

Val Ser Ala Gln Gln Val Gln Gly Val His Ala Arg  
1 5 10

<210> 19  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 19

Gly Val Ser Leu Arg Pro Ile Gly Ala Ser Cys Arg  
1 5 10

<210> 20  
<211> 20  
<212> PRT  
<213> Homo sapiens

<400> 20

Gly Val Ser Leu Arg Pro Ile Gly Ala Ser Cys Arg Asp Asp Ser Glu  
1 5 10 15

Cys Ile Thr Arg  
20

<210> 21  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 21

Ala Gly Leu Gln Val Tyr Asn Lys  
1 5

<210> 22  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 22

Glu Asn Glu Leu Thr Tyr Tyr Cys Cys Lys  
1 5 10

<210> 23  
<211> 12  
<212> PRT  
<213> Homo sapiens

## 4-33626A (5034-W001).ST25.txt

&lt;400&gt; 23

Phe Glu His Cys Asn Phe Asn Asp Val Thr Thr Arg  
1 5 10

&lt;210&gt; 24

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 24

Leu Gln Cys Tyr Asn Cys Pro Asn Pro Thr Ala Asp Cys Lys  
1 5 10

&lt;210&gt; 25

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 25

Leu Arg Glu Asn Glu Leu Thr Tyr Tyr Cys Cys Lys  
1 5 10

&lt;210&gt; 26

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 26

Thr Ala Val Asn Cys Ser Ser Asp Phe Asp Ala Cys Leu Ile Thr Lys  
1 5 10 15

&lt;210&gt; 27

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 27

Cys Leu Thr Thr Asp Glu Tyr Asp Gly His Ser Thr Tyr Pro Ser His  
1 5 10 15

Gln Tyr Gln

&lt;210&gt; 28

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 28

His Asp Leu Gly His Phe Met Leu Arg  
1 5

&lt;210&gt; 29

&lt;211&gt; 10

## 4-33626A (5034-w001).ST25.txt

<212> PRT  
<213> Homo sapiens

<400> 29

Leu Gln Ala Val Thr Asp Asp His Ile Arg  
1 5 10

<210> 30  
<211> 14  
<212> PRT  
<213> Homo sapiens

<400> 30

Asn Asp Leu Ser Pro Thr Thr Val Met Ser Glu Gly Ala Arg  
1 5 10

<210> 31  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 31

Thr Val Ala Gly Gln Asp Ala Val Ile Val Leu Leu Gly Thr Arg  
1 5 10 15

<210> 32  
<211> 25  
<212> PRT  
<213> Homo sapiens

<400> 32

Tyr Val Ala Val Met Pro Pro His Ile Gly Asp Gln Pro Leu Thr Gly  
1 5 10 15

Ala Tyr Thr Val Thr Leu Asp Gly Arg  
20 25

<210> 33  
<211> 31  
<212> PRT  
<213> Homo sapiens

<400> 33

Ala Asp Glu Val Ala Ala Ala Pro Glu Gln Ile Ala Ala Asp Ile Pro  
1 5 10 15

Glu Val Val Val Ser Leu Ala Trp Asp Glu Ser Leu Ala Pro Lys  
20 25 30

<210> 34  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 34

## 4-33626A (5034-W001).ST25.txt

Ile Pro Ala Cys Ile Ala Gly Glu Arg  
1 5

<210> 35  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 35  
Ile Pro Ala Cys Ile Ala Gly Glu Arg Arg  
1 5 10

<210> 36  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 36

Leu Trp Ala Phe Cys Cys  
1 5

<210> 37  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 37

Arg Tyr Gly Thr Cys Ile Tyr Gln Gly Arg  
1 5 10

<210> 38  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 38

Tyr Gly Thr Cys Ile Tyr Gln Gly Arg  
1 5

<210> 39  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 39

Tyr Gly Thr Cys Ile Tyr Gln Gly Arg Leu Trp Ala Phe Cys Cys  
1 5 10 15

<210> 40  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 40

Leu Pro Pro Cys Glu Asn Val Asp Leu Gln Arg Pro Asn Gly Leu  
1 5 10 15

## 4-33626A (5034-W001).ST25.txt

<210> 41  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 41

Leu Tyr Ser Val His Arg Pro Val Lys  
1 5

<210> 42  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 42

Gln Cys Ile His Gln Leu Cys Phe Thr Ser Leu Arg  
1 5 10

<210> 43  
<211> 20  
<212> PRT  
<213> Homo sapiens

<400> 43

Ser Asn Tyr Phe Arg Leu Pro Pro Cys Glu Asn Val Asp Leu Gln Arg  
1 5 10 15

Pro Asn Gly Leu  
20

<210> 44  
<211> 14  
<212> PRT  
<213> Homo sapiens

<400> 44

Ala Gly Pro Ala Gln Thr Leu Ile Arg Pro Gln Asp Met Lys  
1 5 10

<210> 45  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 45

Met Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys  
1 5 10

<210> 46  
<211> 27  
<212> PRT  
<213> Homo sapiens

<400> 46

## 4-33626A (5034-W001).ST25.txt

Met Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys Ala Gly Pro  
1 5 10 15

Ala Gln Thr Leu Ile Arg Pro Gln Asp Met Lys  
20 25

<210> 47

<211> 7

<212> PRT

<213> Homo sapiens

<400> 47

Ala Phe Gln Tyr His Ser Lys  
1 5

<210> 48

<211> 10

<212> PRT

<213> Homo sapiens

<400> 48

Cys Glu Glu Asp Lys Glu Phe Thr Cys Arg  
1 5 10

<210> 49

<211> 19

<212> PRT

<213> Homo sapiens

<400> 49

Glu Pro Leu Asp Asp Tyr Val Asn Thr Gln Gly Pro Ser Leu Phe Ser  
1 5 10 15

Val Thr Lys

<210> 50

<211> 13

<212> PRT

<213> Homo sapiens

<400> 50

Glu Asp Pro Thr Val Ser Ala Leu Leu Thr Ser Glu Lys  
1 5 10

<210> 51

<211> 10

<212> PRT

<213> Homo sapiens

<400> 51

Val Pro Ser Leu Val Gly Ser Phe Ile Arg  
1 5 10

<210> 52

## 4-33626A (5034-W001).ST25.txt

<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 52

Cys Leu His Pro Cys Val Ile Ser Arg  
1 5

<210> 53  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 53

Glu Ala Thr Phe Cys Asp Phe Pro Lys  
1 5

<210> 54  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 54

Glu Ile Met Glu Asn Tyr Asn Ile Ala Leu Arg  
1 5 10

<210> 55  
<211> 7  
<212> PRT  
<213> Homo sapiens

<400> 55

Gly Trp Ser Thr Pro Pro Lys  
1 5

<210> 56  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 56

Ile Asn His Gly Ile Leu Tyr Asp Glu Glu Lys  
1 5 10

<210> 57  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 57

Ile Thr Cys Thr Glu Glu Gly Trp Ser Pro Thr Pro Lys  
1 5 10

<210> 58  
<211> 8  
<212> PRT

## 4-33626A (5034-w001).ST25.txt

&lt;213&gt; Homo sapiens

&lt;400&gt; 58

Leu Glu Tyr Pro Thr Cys Ala Lys  
1 5

&lt;210&gt; 59

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 59

Leu Gln Asn Asn Glu Asn Asn Ile Ser Cys Val Glu Arg  
1 5 10

&lt;210&gt; 60

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 60

Asn Gly Gln Trp Ser Glu Pro Pro Lys  
1 5

&lt;210&gt; 61

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 61

Asn Gly Gln Trp Ser Glu Pro Pro Lys Cys Leu His Pro Cys Val Ile  
1 5 10 15

Ser Arg

&lt;210&gt; 62

&lt;211&gt; 5

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 62

Ser Phe Trp Thr Arg  
1 5

&lt;210&gt; 63

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 63

Ser Phe Trp Thr Arg Ile Thr Cys Thr Glu Glu Gly Trp Ser Pro Thr  
1 5 10 15

Pro Lys

## 4-33626A (5034-w001).ST25.txt

<210> 64  
<211> 20  
<212> PRT  
<213> Homo sapiens

<400> 64

Ser Thr Asp Thr Ser Cys Val Asn Pro Pro Thr Val Gln Asn Ala His  
1 5 10 15

Ile Leu Ser Arg  
20

<210> 65  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 65

Thr Gly Glu Ser Ala Glu Phe Val Cys Lys  
1 5 10

<210> 66  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 66

Thr Gly Glu Ser Ala Glu Phe Val Cys Lys Arg  
1 5 10

<210> 67  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 67

Thr Thr Cys Trp Asp Gly Lys Leu Glu Tyr Pro Thr Cys Ala Lys  
1 5 10 15

<210> 68  
<211> 26  
<212> PRT  
<213> Homo sapiens

<400> 68

Tyr Lys Pro Phe Ser Gln Val Pro Thr Gly Glu Val Phe Tyr Tyr Ser  
1 5 10 15

Cys Glu Tyr Asn Phe Val Ser Pro Ser Lys  
20 25

<210> 69  
<211> 13

## 4-33626A (5034-W001).ST25.txt

<212> PRT  
<213> Homo sapiens

<400> 69

Ala Phe Thr Glu Cys Cys Val Val Ala Ser Gln Leu Arg  
1 5 10

<210> 70

<211> 17

<212> PRT  
<213> Homo sapiens

<400> 70

Cys Cys Tyr Asp Gly Ala Cys Val Asn Asn Asp Glu Thr Cys Glu Gln  
1 5 10 15

Arg

<210> 71  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 71

Asp Val Val Gln Ile Thr Cys Leu Asp Gly Phe Glu Val Val Glu Gly  
1 5 10 15

Arg

<210> 72  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 72

Glu Asp Thr Pro Asn Ser Val Trp Glu Pro Ala Lys  
1 5 10

<210> 73  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 73

Gly Asp Ser Gly Gly Ala Phe Ala Val Gln Asp Pro Asn Asp Lys  
1 5 10 15

<210> 74  
<211> 19  
<212> PRT  
<213> Homo sapiens

<400> 74

## 4-33626A (5034-W001).ST25.txt

Gln Phe Gly Pro Tyr Cys Gly His Gly Phe Pro Gly Pro Leu Asn Ile  
1 5 10 15

Glu Thr Lys

<210> 75  
<211> 16  
<212> PRT  
<213> Homo sapiens  
  
<400> 75

Ser Asn Ala Leu Asp Ile Ile Phe Gln Thr Asp Leu Thr Gly Gln Lys  
1 5 10 15

<210> 76  
<211> 19  
<212> PRT  
<213> Homo sapiens  
  
<400> 76

Ser Ser Asn Asn Pro His Ser Pro Ile Val Glu Glu Phe Gln Val Pro  
1 5 10 15

Tyr Asn Lys

<210> 77  
<211> 11  
<212> PRT  
<213> Homo sapiens  
  
<400> 77

Thr Asn Phe Asp Asn Asp Ile Ala Leu Val Arg  
1 5 10

<210> 78  
<211> 14  
<212> PRT  
<213> Homo sapiens  
  
<400> 78

Val Glu Asp Pro Glu Ser Thr Leu Phe Gly Ser Val Ile Arg  
1 5 10

<210> 79  
<211> 14  
<212> PRT  
<213> Homo sapiens  
  
<400> 79

Leu Ala Glu Leu Pro Ala Asp Ala Leu Gly Pro Leu Gln Arg  
1 5 10

<210> 80

## 4-33626A (5034-W001).ST25.txt

<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 80

Leu Ala Tyr Leu Gln Pro Ala Leu Phe Ser Gly Leu Ala Glu Leu Arg  
1 5 10 15

<210> 81  
<211> 14  
<212> PRT  
<213> Homo sapiens

<400> 81

Leu Glu Ala Leu Pro Asn Ser Leu Leu Ala Pro Leu Gly Arg  
1 5 10

<210> 82  
<211> 22  
<212> PRT  
<213> Homo sapiens

<400> 82

Ser Phe Glu Gly Leu Gly Gln Leu Glu Val Leu Thr Leu Asp His Asn  
1 5 10 15

1  
Gln Leu Gln Glu Val Lys  
20

<210> 83  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 83

Val Ala Gly Leu Leu Glu Asp Thr Phe Pro Gly Leu Leu Gly Leu Arg  
1 5 10 15

<210> 84  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 84

Cys Phe Leu Gly Cys Glu Leu Pro Pro Glu Gly Ser Arg  
1 5 10

<210> 85  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 85

Glu Phe Leu Glu Asp Thr Cys Val Gln Tyr Val Gln Lys  
1 5 10

## 4-33626A (5034-W001).ST25.txt

<210> 86  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 86

Thr Gln Ser Gly Leu Gln Ser Tyr Leu Leu Gln Phe His Gly Leu Val  
1 5 10 15

Arg

<210> 87  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 87

Ala Leu Asn Ser Ile Ile Asp Val Tyr His Lys  
1 5 10

<210> 88  
<211> 7  
<212> PRT  
<213> Homo sapiens

<400> 88

Gly Ala Asp Val Trp Phe Lys  
1 5

<210> 89  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 89

Gly Asn Phe His Ala Val Tyr Arg  
1 5

<210> 90  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 90

Leu Leu Glu Thr Glu Cys Pro Gln Tyr Ile Arg  
1 5 10

<210> 91  
<211> 7  
<212> PRT  
<213> Homo sapiens

<400> 91

Met Leu Thr Glu Leu Glu Lys

## 4-33626A (5034-W001).ST25.txt

1 5

<210> 92  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 92

Ala Ile Asp Gly Ile Asn Gln Arg  
1 5

<210> 93  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 93

Cys Met Gly Thr Val Thr Leu Asn Gln Ala Arg  
1 5 10

<210> 94  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 94

Phe Ala Leu Leu Gly Asp Phe Phe Arg  
1 5

<210> 95  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 95

Phe Ala Leu Leu Gly Asp Phe Phe Arg Lys  
1 5 10

<210> 96  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 96

Gly Ser Phe Asp Ile Ser Cys Asp Lys  
1 5

<210> 97  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 97

Gly Ser Phe Asp Ile Ser Cys Asp Lys Asp Asn Lys  
1 5 10

## 4-33626A (5034-W001).ST25.txt

<210> 98  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 98

Ile Lys Asp Phe Leu Arg  
1 5

<210> 99  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 99

Gln Val Leu Ser Tyr Lys Glu Ala Val Leu Arg  
1 5 10

<210> 100  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 100

Thr Thr Gln Gln Ser Pro Glu Asp Cys Asp Phe Lys  
1 5 10

<210> 101  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 101

Thr Thr Gln Gln Ser Pro Glu Asp Cys Asp Phe Lys Lys  
1 5 10

<210> 102  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 102

Cys Asp Tyr Trp Ile Arg  
1 5

<210> 103  
<211> 7  
<212> PRT  
<213> Homo sapiens

<400> 103

Glu Leu Thr Ser Glu Leu Lys  
1 5

<210> 104

## 4-33626A (5034-W001).ST25.txt

<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 104

Met Tyr Ala Thr Ile Tyr Glu Leu Lys  
1 5

<210> 105  
<211> 21  
<212> PRT  
<213> Homo sapiens

<400> 105

Ser Leu Gly Leu Pro Glu Asn His Ile Val Phe Pro Val Pro Ile Asp  
1 5 10 15

Gln Cys Ile Asp Gly  
20

<210> 106  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 106

Ser Tyr Pro Gly Leu Thr Ser Tyr Leu Val Arg  
1 5 10

<210> 107  
<211> 17  
<212> PRT  
<213> Homo sapiens

<400> 107

Thr Phe Val Pro Gly Cys Gln Pro Gly Glu Phe Thr Leu Gly Asn Ile  
1 5 10 15

Lys

<210> 108  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 108

Val Pro Leu Gln Gln Asn Phe Gln Asp Asn Gln Phe Gln Gly Lys  
1 5 10 15

<210> 109  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 109

## 4-33626A (5034-W001).ST25.txt

Val Val Ser Thr Asn Tyr Asn Gln His Ala Met Val Phe Phe Lys  
1 5 10 15

<210> 110  
<211> 13  
<212> PRT  
<213> Homo sapiens  
  
<400> 110

Trp Tyr Val Val Gly Leu Ala Gly Asn Ala Ile Leu Arg  
1 5 10

<210> 111  
<211> 11  
<212> PRT  
<213> Homo sapiens  
  
<400> 111

Ala Trp Met Glu Thr Glu Asp Thr Leu Gly Arg  
1 5 10

<210> 112  
<211> 14  
<212> PRT  
<213> Homo sapiens  
  
<400> 112

Asp Asp Gln Leu Val Val Leu Phe Pro Val Gln Lys Pro Lys  
1 5 10

<210> 113  
<211> 8  
<212> PRT  
<213> Homo sapiens  
  
<400> 113

Gly Pro Ile Leu Pro Gly Thr Lys  
1 5

<210> 114  
<211> 10  
<212> PRT  
<213> Homo sapiens  
  
<400> 114

His Trp Pro Ser Glu Gln Asp Pro Glu Lys  
1 5 10

<210> 115  
<211> 15  
<212> PRT  
<213> Homo sapiens  
  
<400> 115

His Trp Pro Ser Glu Gln Asp Pro Glu Lys Ala Trp Gly Ala Arg  
Page 21

## 4-33626A (5034-W001).ST25.txt

1 5 10 15

<210> 116  
<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 116

Leu Leu Thr Thr Glu Glu Lys Pro Arg  
1 5

<210> 117  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 117

Leu Leu Thr Thr Glu Glu Lys Pro Arg Gly Gln Gly Arg  
1 5 10

<210> 118  
<211> 24  
<212> PRT  
<213> Homo sapiens

<400> 118

Leu Trp Val Met Pro Asn His Gln Val Leu Leu Gly Pro Glu Glu Asp  
1 5 10 15

Gln Asp His Ile Tyr His Pro Gln  
20

<210> 119  
<211> 26  
<212> PRT  
<213> Homo sapiens

<400> 119

Val Leu Ser Pro Glu Pro Asp His Asp Ser Leu Tyr His Pro Pro Pro  
1 5 10 15

Glu Glu Asp Gln Gly Glu Glu Arg Pro Arg  
20 25

<210> 120  
<211> 21  
<212> PRT  
<213> Homo sapiens

<400> 120

Val Val Glu Pro Pro Glu Lys Asp Asp Gln Leu Val Val Leu Phe Pro  
1 5 10 15

Val Gln Lys Pro Lys  
20

## 4-33626A (5034-W001).ST25.txt

<210> 121  
<211> 14  
<212> PRT  
<213> Homo sapiens

<400> 121

Glu Val Met Pro Ser Ile Gln Ser Leu Asp Ala Leu Val Lys  
1 5 10

<210> 122  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 122

Gly Leu Met Tyr Ser Val Asn Pro Asn Lys  
1 5 10

<210> 123  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 123

Asn Ala Asn Thr Phe Ile Ser Pro Gln Gln Arg  
1 5 10

<210> 124  
<211> 19  
<212> PRT  
<213> Homo sapiens

<400> 124

Tyr Glu Ser His Glu Ser Met Glu Ser Tyr Glu Leu Asn Pro Phe Ile  
1 5 10 15

Asn Arg Arg

<210> 125  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 125

Ala Pro Gln Thr Gly Ile Val Asp Glu Cys Cys Phe Arg  
1 5 10

<210> 126  
<211> 15  
<212> PRT  
<213> Homo sapiens

<400> 126

## 4-33626A (5034-w001).ST25.txt

Gly Phe Tyr Phe Asn Lys Pro Thr Gly Tyr Gly Ser Ser Ser Arg  
1 5 10 15

<210> 127  
<211> 21  
<212> PRT  
<213> Homo sapiens

<400> 127

Gly Pro Glu Thr Leu Cys Gly Ala Glu Leu Val Asp Ala Leu Gln Phe  
1 5 10 15

Val Cys Gly Asp Arg  
20

<210> 128  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 128

Leu Glu Met Tyr Cys Ala Pro Leu Lys Pro Ala Lys  
1 5 10

<210> 129  
<211> 14  
<212> PRT  
<213> Homo sapiens

<400> 129

Arg Ala Pro Gln Thr Gly Ile Val Asp Glu Cys Cys Phe Arg  
1 5 10

<210> 130  
<211> 13  
<212> PRT  
<213> Homo sapiens

<400> 130

Arg Leu Glu Met Tyr Cys Ala Pro Leu Lys Pro Ala Lys  
1 5 10

<210> 131  
<211> 22  
<212> PRT  
<213> Homo sapiens

<400> 131

Ala Gln Glu Pro Val Lys Gly Pro Val Ser Thr Lys Pro Gly Ser Cys  
1 5 10 15

Pro Ile Ile Leu Ile Arg  
20

<210> 132

## 4-33626A (5034-W001).ST25.txt

<211> 9  
<212> PRT  
<213> Homo sapiens

<400> 132

Cys Ala Met Leu Asn Pro Pro Asn Arg  
1 5

<210> 133  
<211> 11  
<212> PRT  
<213> Homo sapiens

<400> 133

Cys Leu Lys Asp Thr Asp Cys Pro Gly Ile Lys  
1 5 10

<210> 134  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 134

Gly Pro Val Ser Thr Lys Pro Gly Ser Cys Pro Ile Ile Leu Ile Arg  
1 5 10 15

<210> 135  
<211> 10  
<212> PRT  
<213> Homo sapiens

<400> 135

Val Pro Phe Asn Gly Gln Asp Pro Val Lys  
1 5 10

<210> 136  
<211> 16  
<212> PRT  
<213> Homo sapiens

<400> 136

Val Pro Phe Asn Gly Gln Asp Pro Val Lys Gly Gln Val Ser Val Lys  
1 5 10 15